

10/567668

Express Mail Label No. EV669611516US

Date of Deposit: February 8, 2006

Attorney Reference Number 4810-73194-01

IAP28 Rec'd PCT/PTO 08 FEB 2006

ABSTRACT

HALOGENATED QUINAZOLINYL NITROFURANS AS ANTIBACTERIAL AGENTS

The present invention includes novel compounds of the formula (I) wherein X is absent or trans or cis CHCH, R₁ is (C₁-C₁₀) alkyl unsubstituted or substituted by one to three hydroxy, (C₁-C₁₀) alkenyl unsubstituted or substituted by one to three hydroxy, (C₁-C₁₀) alkynyl unsubstituted or substituted by one to three hydroxy, or aryl unsubstituted or substituted by one to three hydroxy; R₂ is hydrogen, alkyl or aryl; R₃ and R₄ are, independently of each other, H, halogen, or a solubilizing group, with the proviso that at least one of R₃ and R₄ is halogen; and pharmaceutically acceptable salts thereof. The invention also includes pharmaceutically acceptable formulations of said compounds which exhibit antibiotic activity against a wide spectrum of microorganisms including organisms which are resistant to multiple antibiotic families and are useful as antibacterial agents for treatment or prophylaxis of bacterial infections, or their use as antiseptics, agents for sterilization or disinfection.